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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/808,262

DATE: 03/27/2001  
 TIME: 14:58:39

Input Set : A:\48101201.app  
 Output Set: N:\CRF3\03272001\I808262.raw

**ENTERED**

3 <110> APPLICANT: Benson, Timothy E  
 5 <120> TITLE OF INVENTION: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF  
 6 GLYCOSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED  
 7 IN ALZHEIMER'S DISEASE  
 9 <130> FILE REFERENCE: 00481.CP  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/808,262  
 12 <141> CURRENT FILING DATE: 2001-03-14  
 14 <150> PRIOR APPLICATION NUMBER: 09/747,420  
 15 <151> PRIOR FILING DATE: 2000-12-23  
 17 <160> NUMBER OF SEQ ID NOS: 1  
 19 <170> SOFTWARE: PatentIn Ver. 2.1  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 385  
 23 <212> TYPE: PRT  
 24 <213> ORGANISM: Homo sapiens  
 26 <400> SEQUENCE: 1  
 27 Glu Met Val Asp Asn Leu Arg Gly Lys Ser Gly Gln Gly Tyr Tyr Val  
 28 1 5 10 15  
 30 Glu Met Thr Val Gly Ser Pro Pro Gln Thr Leu Asn Ile Leu Val Asp  
 31 20 25 30  
 33 Thr Gly Ser Ser Asn Phe Ala Val Gly Ala Ala Pro His Pro Phe Leu  
 34 35 40 45  
 36 His Arg Tyr Tyr Gln Arg Gln Leu Ser Ser Thr Tyr Arg Asp Leu Arg  
 37 50 55 60  
 39 Lys Gly Val Tyr Val Pro Tyr Thr Gln Gly Lys Trp Glu Gly Glu Leu  
 40 65 70 75 80  
 42 Gly Thr Asp Leu Val Ser Ile Pro His Gly Pro Asn Val Thr Val Arg  
 43 85 90 95  
 45 Ala Asn Ile Ala Ala Ile Thr Glu Ser Asp Lys Phe Phe Ile Asn Gly  
 46 100 105 110  
 48 Ser Asn Trp Glu Gly Ile Leu Gly Leu Ala Tyr Ala Glu Ile Ala Arg  
 49 115 120 125  
 51 Pro Asp Asp Ser Leu Glu Pro Phe Phe Asp Ser Leu Val Lys Gln Thr  
 52 130 135 140  
 54 His Val Pro Asn Leu Phe Ser Leu Gln Leu Cys Gly Ala Gly Phe Pro  
 55 145 150 155 160  
 57 Leu Asn Gln Ser Glu Val Leu Ala Ser Val Gly Gly Ser Met Ile Ile  
 58 165 170 175  
 60 Gly Gly Ile Asp His Ser Leu Tyr Thr Gly Ser Leu Trp Tyr Thr Pro  
 61 180 185 190  
 63 Ile Arg Arg Glu Trp Tyr Tyr Glu Val Ile Ile Val Arg Val Glu Ile  
 64 195 200 205  
 66 Asn Gly Gln Asp Leu Lys Met Asp Cys Lys Glu Tyr Asn Tyr Asp Lys  
 67 210 215 220  
 69 Ser Ile Val Asp Ser Gly Thr Thr Asn Leu Arg Leu Pro Lys Lys Val  
 70 225 230 235 240  
 72 Phe Glu Ala Ala Val Lys Ser Ile Lys Ala Ala Ser Ser Thr Glu Lys

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73                               245                               250                               255
75 Phe Pro Asp Gly Phe Trp Leu Gly Glu Gln Leu Val Cys Trp Gln Ala
76                               260                               265                               270
78 Gly Thr Thr Pro Trp Asn Ile Phe Pro Val Ile Ser Leu Tyr Leu Met
79                               275                               280                               285
81 Gly Glu Val Thr Asn Gln Ser Phe Arg Ile Thr Ile Leu Pro Gln Gln
82                               290                               295                               300
84 Tyr Leu Arg Pro Val Glu Asp Val Ala Thr Ser Gln Asp Asp Cys Tyr
85 305                               310                               315                               320
87 Lys Phe Ala Ile Ser Gln Ser Ser Thr Gly Thr Val Met Gly Ala Val
88                               325                               330                               335
90 Ile Met Glu Gly Phe Tyr Val Val Phe Asp Arg Ala Arg Lys Arg Ile
91                               340                               345                               350
93 Gly Phe Ala Val Ser Ala Cys His Val His Asp Glu Phe Arg Thr Ala
94                               355                               360                               365
96 Ala Val Glu Gly Pro Phe Val Thr Leu Asp Met Glu Asp Cys Gly Tyr
97 370                               375                               380
99 Asn
100 385

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/808,262

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Input Set : A:\48101201.app

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number